

Title (en)

Method for producing ceramic fibers from blends of siloxane resins and boron containing compounds

Title (de)

Verfahren zur Herstellung von Keramikfasern aus Mischungen von Siloxanharzen und borhaltigen Verbindungen

Title (fr)

Procédé de préparation de fibres céramique à partir de mélanges de résines de siloxane et de composés contenant du bore

Publication

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Application

EP 99102390 A 19990208

Priority

US 1957798 A 19980206

Abstract (en)

The present invention refers to a composition comprising a siloxane resin and a boron containing compound, a method for the formation of amorphous boron silicon oxycarbide ceramics and crystalline boron-doped silicon carbide ceramics comprising preparing a blend of a siloxane resin and a boron-containing compound, forming the blend into green bodies and then curing and pyrolyzing the green bodies to obtain ceramic materials.

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Citation (search report)

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DOCDB simple family (application)

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